

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

	Hits	Search Text	DBs
1	1529	((345/109,85,7,48,84,89) or (359/227) or (368/76/204/600)).CCLS.	USPAT; US-PGPUB
2	1	((345/109,85,7,48,84,89) or (359/227) or (368/76/204/600)).CCLS.) and (actuat\$4 adj film adj display)	USPAT; US-PGPUB
3	79	((345/109,85,7,48,84,89) or (359/227) or (368/76/204/600)).CCLS.) and ((electromechanica\$3 electrostatic\$4) with displa\$3)	USPAT; US-PGPUB
4	3590	((345/109,85,7,48,84,89,108) or (359/227,223,224,225,226,227,230,231,234,237,238,239,240) or (368/76/204/600) or (340/815.62) or (348/740,750)).CCLS.	USPAT; US-PGPUB
5	1	((345/109,85,7,48,84,89,108) or (359/227,223,224,225,226,227,230,231,234,237,238,239,240) or (368/76/204/600) or (340/815.62) or (348/740,750)).CCLS.) and (actuat\$4 adj film adj display)	USPAT; US-PGPUB
6	157	((345/109,85,7,48,84,89,108) or (359/227,223,224,225,226,227,230,231,234,237,238,239,240) or (368/76/204/600) or (340/815.62) or (348/740,750)).CCLS.) and ((electromechanica\$3 electrostatic\$4) with displa\$3)	USPAT; US-PGPUB
7	78	((345/109,85,7,48,84,89,108) or (359/227,223,224,225,226,227,230,231,234,237,238,239,240) or (368/76/204/600) or (340/815.62) or (348/740,750)).CCLS.) and ((electromechanica\$3 electrostatic\$4) with displa\$3)) not (((345/109,85,7,48,84,89) or (359/227) or (368/76/204/600)).CCLS.) and ((electromechanica\$3 electrostatic\$4) with displa\$3))	USPAT; US-PGPUB
8	3424	(electromechanica\$3 electrostatic\$4) with displa\$3	USPAT; US-PGPUB
9	3590	((345/109,85,7,48,84,89,108) or (359/227,223,224,225,226,227,230,231,234,237,238,239,240) or (368/76/204/600) or (340/815.62) or (348/740,750)).CCLS.	USPAT; US-PGPUB

	Hits	Search Text	DBs
10	2411	(electromechanica\$3 electrostatic\$4) with displa\$3	EPO; JPO; DERWENT
11	2	((electromechanica\$3 electrostatic\$4) with displa\$3) and (movabl\$3 adj fil\$3)	EPO; JPO; DERWENT
12	2	((electromechanica\$3 electrostatic\$4) with displa\$3) and (movabl\$3 adj fil\$3)	USPAT; US-PGPUB
13	157	((((345/109,85,7,48,84,89,108) or (359/227,223,224,225,226,227,230,231,234,237,238,239,240) or (368/76/204/600) or (340/815.62) or (348/740,750)).CCLS.) and ((electromechanica\$3 electrostatic\$4) with displa\$3))	USPAT; US-PGPUB
14	23	((((345/109,85,7,48,84,89,108) or (359/227,223,224,225,226,227,230,231,234,237,238,239,240) or (368/76/204/600) or (340/815.62) or (348/740,750)).CCLS.) and ((electromechanica\$3 electrostatic\$4) with displa\$3)) and (gray adj scale)	USPAT; US-PGPUB
15	5	((((345/109,85,7,48,84,89,108) or (359/227,223,224,225,226,227,230,231,234,237,238,239,240) or (368/76/204/600) or (340/815.62) or (348/740,750)).CCLS.) and ((electromechanica\$3 electrostatic\$4) with displa\$3)) and subpixel\$3	USPAT; US-PGPUB
16	1293	subpixel\$3	USPAT; US-PGPUB
17	876	subpixel\$3 and (gray scal\$3)	USPAT; US-PGPUB
18	722	(subpixel\$3 and (gray scal\$3)) and display	USPAT; US-PGPUB
19	334	subpixel\$3 and (gray adj scal\$3)	USPAT; US-PGPUB
20	281	(subpixel\$3 and (gray adj scal\$3)) and display	USPAT; US-PGPUB
21	27	((electromechanica\$3 electrostatic\$4) with displa\$3) and subpixel\$3	USPAT; US-PGPUB
22	136	((electromechanica\$3 electrostatic\$4) with displa\$3) and (gray adj scal\$3)	USPAT; US-PGPUB
23	0	((((electromechanica\$3 electrostatic\$4) with displa\$3) and (gray adj scal\$3)) and (single adj signal adj3 line)	USPAT; US-PGPUB

	Hits	Search Text	DBs
24	36	((electromechanica\$3 electrostatic\$4) with displa\$3) and (gray adj scal\$3)) and (signal adj3 line)	USPAT; US-PGPUB
25	0	((electromechanica\$3 electrostatic\$4) with displa\$3) and subpixel\$3	EPO; JPO; DERWENT; IBM_TDB
26	1	((electromechanica\$3 electrostatic\$4) with displa\$3) and (gray adj scal\$3)	EPO; JPO; DERWENT; IBM_TDB
27	0	(electrostatic adj2 display) same (gray near2 scale) same subpixel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
28	0	(electrostatic adj2 display) same subpixel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
29	4	(electrostatic adj2 display) same (gray near2 scale)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
30	0	(electrostatic adj2 display) and subpixel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
31	16	(electrostatic adj2 display) and (gray near2 scale)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
32	34	(electrostatic adj2 display) and (threshold (critical adj2 voltage))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
33	0	(electrostatic adj2 display) and ((critical adj2 voltage))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
34	15	(electrostatic near5 display) and subpixel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
35	8	(electrostatic near5 display) and ((critical near5 voltage))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
36	0	(electrostatic near5 display) and (threshold with subpixel\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
37	671	(display) and threshold and subpixel\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
38	4	(electrostatic near5 display) and threshold and subpixel\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
39	4	(display) with threshold with subpixel\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
40	2	(display) and (critical near5 voltage) and subpixel\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
41	2	(actuated near3 display) and threshold and subpixel\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
42	56	(film near3 display) and threshold and subpixel\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
43	1	(actuated adj3 display) and threshold and subpixel\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
44	3	(actuated adj3 display) and subpixel\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
45	230	(actuated adj3 display) and threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
46	17	(actuated adj3 display) same threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
47	1	(actuated adj3 display) and (critical adj3 voltage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
48	111	subpixels with threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
49	0	subpixels with (critical adj3 votages)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
50	0	subpixels same (critical adj3 votages)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
51	0	subpixels and (critical adj3 votages)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
52	0	(subpixels with threshold) and ((electrostatic actuated) adj2 display)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
53	84	(subpixels with threshold) and display	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
54	121	345/109	USPAT
55	240	345/105	USPAT

	Hits	Search Text	DBs
56	894	345/84	USPAT
57	397	345/85	USPAT
58	1516	345/7	USPAT
59	226	345/48	USPAT